

IMiD 2023

The 23rd International Meeting on Information Display
August 22-25, 2023 / BEXCO, BUSAN, KOREA

Session Title:	58. Application of TFTs I
Session Date:	August 25 (Fri.), 2023
Session Time:	13:10-14:30
Session Room:	Room B (214~215)
Session Chair(s):	Prof. Min-Hoi Kim (Hanbat Nat'l Univ., Korea)

[B58-1] [Invited] **13:10-13:35**

Ultraflexible Active-Matrix Sensor System and Low-Noise Circuits for Biosignal Monitoring

Takafumi Uemura and Tsuyoshi Sekitani (Osaka Univ., Japan)

[B58-2] **13:35-13:50**

Modulation of Synaptic Weight in Oxide Semiconductor-Based Synaptic Transistors by Controlling Charge Trapping

Seok Gyu Hong, Won Kyung Min, Jusung Chung, Dong Hyun Choi, Hyung Tae Kim, Moon Ho Lee, and Hyun Jae Kim (Yonsei Univ., Korea)

[B58-3] **13:50-14:05**

Ni-Doped CuCrO₂ Photodetector with Voltage-Tunable Broadband Photodetection and Its Application in Optoelectronic Logic

Yunchae Jeon, Taehyun Park, and Hocheon Yoo (Gachon Univ., Korea)

[B58-4] [Invited] **14:05-14:30**

Active Pixel Sensors Enabling Large Area Imaging with High Resolution and Wide Dynamic Range

Kai Wang (Sun Yat-sen Univ., China)